

iectura accepimus, sed examinationi calculo reuoluentes, quatenus obseruatis exactius cōsentirēt, inuenimus anomalīe motū in M. DCCC. XIX. annis Ægyptijs, XXI. gradib. & XXI. scrup. suā reuolutionē cōpletā iam excessisse, & tempus periodi annos M. DCC. XVII. solūmodo Ægyptios cōtinere, qua ratiōe p̄ditū est primū circuli segmētū part. XC. scrup. XXXV. Alterū part. CLV. scrup. XXXIII. Tertiū uero sub annis DCLIII. reliq̄s circuli ptes CXIII. scrup. LI. cōtinebit. His ita cōstitutis, p̄cessiōis q̄q̄ æquinoctiorū medius motus patuit, & ipsum esse graduū XXI. scrup. LVII. sub eisdē annis M. DCC. XVII. q̄bus oīs diuersitas in pristinū statū restituta est. Quoniā in annis M. DCCC. XIX. habuimus motū apparentē grad. XXV. scrup. I. ferē. Verū à Ti mochari in annis CII. q̄bus anni M. DCC. XVII. distant à M. DCCC. XIX. oportebat motū apparētē fuisse circiter grad. I. scrup. III. eo q̄ maiusculū tūc fuisse uerissimile sit, q̄ ut in centenīs annis unū exegisset graduū, q̄n̄ decresebat adhuc finē decremētī nondū cōsecutus. Proinde si graduū unū & decimā quintam auferamus ex p̄tribus XXV. scrup. I. remanebit quē diximus in annis M. DCC. XVII. Ægyptijs medius equalisq̄ motus diuerso ac apparenti, tūc coæquatus grad. XXI. scrup. LVII. q̄bus integra p̄cessiōis æquinoctiorū ac equalis reuolutio cōsurgit in annis XXV. DCCC. XVI. in q̄ tempe fuit circuitiōes anomalīe XV. cū XXVIII. pte ferē. Huic q̄q̄ ratiōi sese accōmodat obligatīis motus, cuius reditiōne duplo tardiorē q̄ æquinoctiorū p̄cessiōne dicebamus. Namq̄ q̄ Ptolemæus p̄didit obligatē part. XXI. scrup. primorū LI. secundorū XX. ante se in annis CCCC. ab Aristarcho Samio minime mutatā fuisse, indicat ipsam tūc circa maxīe obligatīis limitē penē constituisse: q̄n̄ uidelicet & p̄cessio æquinoctiorū erat in motu tardissimo. At nūc q̄q̄ dū eadē tarditatīis appetit restitutio, inclinatio axis nō itē in maximā, sed in minimā transit, quā medio tpe Machometus Aratēsis, ut dictū, reperit part. XXI. scrup. XXV. Arzachel Hispanus post illū annis CXC. part. XXI. scrup. XXXIII. ac itidem post annos CCXXX. Prophatius ludæus duobus p̄xime scrup. minorē. Quod deniq̄ nostra cōcernit tēpora, nos ab annis XXX. frequēti obseruatione, inuenimus XXI. partes, scrup. XXVIII. & duas quintas ferē unius scrupuli, à q̄bus Georgius Purbachius & Ioannes de Montemagio, qui

gio, qui p̄xime nos p̄cesserunt, parū differūt. Vbi rursus liq̄ dissimē patet obligatīis permutationē à Ptolemæo ad DCCC. annos accidisse maiorē, q̄ in alio quīs intervallo temporis. Cū ergo iam habeamus anomalīe p̄cessiōis circuitū in annis M. DCC. XVII. habebimus etiā sub eo tēpore obligatīis dimidiū periodū, ac in annis III. CCCC. XXXIII. integram eius restitutionem. Quapropter si CCC. LX. gradus p̄ eundē III. CCCC. XXXIII. annorū numerū partiti fuerimus, uel gradus CLXXX. p̄ M. DCC. XVII. exhibit annuus motus simplicis anomalīe scrup. prim. VI. secundorū XVII. tert. XXI. quart. IX. Hæc rursus p̄ CCC. LXV. dies distributa reddūt diariū motū scrupulorū secundorū I. tertiorū II. quatorū II. Similiter p̄cessiōis æquinoctiorū medius cū fuerit distributus p̄ annos M. DCC. XVII. & erāt grad. XXI. scrup. prim. LVII. exhibit annuus motus scrup. secund. I. tert. XII. quart. V. atq̄ hūc p̄ dies CCC. LXV. diariū motus scrup. tert. VIII. quart. XV. Vt aut motus ipsi fiant apertiores, & in promptu habeantur, q̄n̄ fuerit oportunū, Tabulas siue Canones eorū expone mus p̄ cōtinuā æqualēq̄ annui motus adiectionē, reiectis semp LX in priora scrup. uel in gradus si excreuerint, easq̄ aggregauimus usq̄ ad ordinē LX annorū cōmoditatīis gratia. Quoniā in annorū sexagenīs, eadē sese offert facies numerorū, denominatīonibus partiū & scrupulorū solūmodo trāspōsitīs, ut q̄ prius secunda erāt, prima fiat, & sic de cæteris, q̄ cōpendio p̄ has breues Tabellas infra annos III. DC. saltē duplici introitu licebit accipere & colligere in annis p̄positis motus æq̄les. Ita q̄q̄ in dierū numero se habet. Vtemur aut in supputatiōe motuū celestiuū annis ubiq̄ Ægyptijs, q̄ soli inter ciuiles reperiūtur æq̄les, oportebat eū mēsurā cōgruere cū mēsurato, q̄d in annis Romanorū, Græcorū, & Persarū non adeo cōuenit, q̄bus nō uno modo, sed p̄t cuiq̄ placuit gentiuū intercalat. Annus autē Ægyptius nihil affert ambiguitatis sub certo dierū numero CCC. LXV. in q̄bus sub duodenis mēlibus æq̄libus, q̄s ex ordine appellāt ipsi suis nominibus: Thoth, Phaophi, Athyr, Chīach, Tybi, Mechyr, Phame noth, Pharmuthi, Pachon, Pauni, Epīphi, Mesori, in q̄bus ex æq̄ cōprehēdunt VI. sexagenæ dierū, & quinq̄ dies residui, q̄s intercalares noīant. Sūtq̄ ob id in motibus æq̄libus dīnumerandis anni Ægyptiorū accōmodatissimi, in q̄s alij quilibet anni resolutiōe dierū facile reducuntur.